

Standard Analysis Certificate

PRODUCT : ACETIC ACID GLACIAL RPE-ACS - Reag. Ph.Eur. - Reag. USP
CODE : 401420
METHOD : 6583

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid or crystalline mass
Colour (APHA)	-	<=10
Identification	-	Positive
Water miscibility	-	Conform
Titration base	-	Conform
Reducing chromic acid	-	Conform ACS
Subst. reducing KMnO4	-	Conform
Density at 20° C	-	1.0501 ÷ 1.0521
Refractive index at 20°C	-	1.3711 ÷ 1.3731
Boiling point	°C	118.3 ÷ 118.8
Freezing point	°C	>=16
Assay (acidimetric)	%	99.5 ÷ 100.5
Residue on evaporation	ppm	<= 10
Formic acid	%	<=0.05
Acetic anhydride	ppm	<=100
Chloride	ppm	<=1
Carbonyl Compounds (CO)	ppm	<=50
Phosphate	ppm	<=0.5
Heavy metals (Pb)	ppm	<=0.5
Sulphate	ppm	<=0.5
Ag	ppm	<=0.02
Al	ppm	<=0.05
As	ppm	<=0.01
Ba	ppm	<=0.1
Be	ppm	<=0.02
Bi	ppm	<=0.02
Ca	ppm	<=0.2
Cd	ppm	<=0.05
Co	ppm	<=0.01
Cr	ppm	<=0.03
Cu	ppm	<=0.01
Fe	ppm	<=0.2
K	ppm	<=0.1
Li	ppm	<=0.02
Mg	ppm	<=0.1
Mn	ppm	<=0.01
Mo	ppm	<=0.05
Na	ppm	<=0.5
Ni	ppm	<=0.03
Pb	ppm	<=0.02
Sr	ppm	<=0.02
Ti	ppm	<=0.1
Tl	ppm	<=0.05
V	ppm	<=0.05
Zn	ppm	<=0.05
Zr	ppm	<=0.1
Assay (GLC)	%	>= 99.8
Water (K.F.)	ppm	<= 1500
Acetaldehyde	ppm	<= 500

Date

:11/01/2020

QUALITY CONTROL RESPONSIBLE

B. COULANGE (VDR)